| A POSITION INTIALS        | DATE /         |
|---------------------------|----------------|
| POSITION INTIALS          | PO INGIAN      |
|                           | 07/00/00       |
| FEE DETERMINATION         |                |
| O.I.P.E. CLASSIFIER       | 48 9/11/00     |
| FORMALITY REVIEW          | 7/672 10.24-00 |
| RESPONSE FORMALITY REVIEW |                |
|                           |                |

## INDEX OF CLAIMS

|     | Rejected                   | N | Non-elected  |
|-----|----------------------------|---|--------------|
| •   | Allowed                    | 1 | Interference |
| = ; | (Through numeral) Canceled | Α |              |
| - 1 | Restricted                 |   | Objected     |

|          |          |              |           |          |           | •        |    |   |           |           |           |              |   |          |
|----------|----------|--------------|-----------|----------|-----------|----------|----|---|-----------|-----------|-----------|--------------|---|----------|
| Cla      | im       |              | _         |          | _         | Da       | te |   |           |           |           |              |   |          |
|          | 펿        | 3            | 20        | 3        | 20        | Ì        |    |   |           | ١         | 1         | 1            | ļ |          |
| Final    | Original | 101          | 3         | 1        | 3/14      | ]        |    |   |           | ١         | 1         | -            |   |          |
| <u>.</u> | S<br>W   | E            | 9         | 7        | 1         | -        | +  | _ | -         | †         | $\dagger$ | 1            | _ |          |
| _        | Ì        | 7            | ナ         | -        | T         | T        | †  | _ | r         | 1         |           |              |   |          |
| Ϊ.       | 3        | 1            | 7         | F        | 1         | Γ        | T  |   |           | Ι         |           |              |   |          |
|          | 4        | 1            | Z         | 1        | V         | L        | Į  | _ | L         | 1         | 1         |              |   | ļ        |
| _        | 5        | Ľ            | 1         | 1=       | Ľ         | 1        | 4  | _ | ŀ         | +         | +         | -            |   | 1        |
| <b>-</b> | 6        | _            | +-        | ╁        | ╀         | ╀        | +  |   | -         | +         | +         |              |   | 1        |
| 78       | 8        |              | +         | 1=       | +         | ╁        | +  | _ | t         | +         | 1         | _            |   | 1        |
| i        | 5        | , ,          | ケ         |          | V         | 1        | 1  |   | T         | 1         |           |              |   | ]        |
| 1        | 10       | 1            | 7         | 1        |           | 1        |    | _ | L         | 1         | _         | _            | _ |          |
| 3        |          |              | V         |          | ۷         |          | 4  | _ | ╁.        | 4         | ᅵ         | _            | - | -        |
|          | 13       |              | Ľ         | 4        | ۲,        | +        | -  | _ | ╁         | +         | -         | _            | ├ | ┨        |
|          | 1        |              | 1         | /1       | +         | +        | 4  | _ | $\dagger$ | +         | -         | _            | Η | 1        |
| ۲        | N        |              | 才、        | ť        | +         | +        | -  | Г | Ť         | 7         |           |              |   | 1        |
| r        | N        | ₹\¥          | 生         |          |           | 1        |    |   | 1         |           |           |              | L | 1        |
|          | 1        | 7 >          | ٦.        | 1        | F!        | 1        |    | - | 1         | 4         |           | -            | ╀ | 4        |
|          | 1        | 8 ~          | <u> </u>  | 42       |           | 7        | _  | - | +         | $\dashv$  |           | -            | ╁ | -        |
| 1        | (2       | <del>}</del> | 4         | 4        | 4         | +        | _  | ├ | +         | $\dashv$  |           | ╁            | t | ┨        |
| 1        | ¥        | 4            | +         | +        | +         | +        | _  | ┝ | +         | -         |           | ┪            | ╁ | 1        |
| -        |          | 2            | +         | +        | +         | 1        | _  | t | 7         |           |           | T            | t | 1        |
|          |          | 23           | +         | T        |           |          |    | Ī | 1         |           |           |              | Ţ |          |
|          |          | 24           | $\Box$    | I        | $\exists$ | $\Box$   | _  | 1 | 1         |           | L         | 1            | 1 | 4        |
| È        | 12       | 25           | 4         | 4        | $\dashv$  | 4        |    | ł | 4         |           |           | ╀            | ╀ | $\dashv$ |
|          |          | 26<br>27     | +         | +        | +         | -        | _  | ╁ | +         |           | ╁         | ╁╴           | + | $\dashv$ |
| ۱        |          | 28           | +         | +        | +         | 7        | _  | t | 7         | _         | 1         | +            | T | ٦        |
| ŀ        |          | 29           | 十         | 7        |           |          |    | T |           |           |           | I            | I | $\Box$   |
|          |          | 30           |           | $\Box$   | $\Box$    |          |    | Ţ |           | _         | L         | $\downarrow$ | 4 | 4        |
|          |          | 31           | 4         | 4        | 4         |          | _  | + | 4         | _         | -         | +            | + | 4        |
| . }      |          | 32           | $\dashv$  | $\dashv$ | -         | _        | -  | + | -         |           | ╁         | +            | + | $\dashv$ |
| 1        | _        | 34           | +         | $\dashv$ | ᅱ         |          | -  | + | _         | -         | ╁         | +            | † | ┪        |
|          |          | 35           | $\exists$ | 寸        |           |          | Γ  |   |           |           |           |              |   |          |
|          |          | 36           |           |          |           |          |    | I | _         | L         |           | 1            | 4 |          |
|          | 700      | 37           |           |          | _         |          | L  | 4 | _         | *         | ╀         | +            | 4 | _        |
|          |          | 38           | $\dashv$  | Н        |           |          | ┝  | + | _         | ┝         | ╁         | +            | + | _        |
| -        | $\dashv$ | 39<br>40     | Н         | Н        | -         | -        | ╁  | + | _         | $\vdash$  | +         | +            | 7 | _        |
| ŀ        | ٦        | 41           | H         | $\vdash$ | -         | H        | ╁  | 7 | _         | ✝         | $\dagger$ | †            | 1 |          |
| ŀ        | $\dashv$ | 42           | Н         |          | $\vdash$  | H        | t  | 1 | _         | T         | +         | _            | _ | _        |
| 1        | _        | 43           |           |          |           |          | I  |   | _         | L         |           | $\exists$    |   |          |
| Ì        | _        | 44           |           |          |           |          | I  |   |           | L         | $\perp$   | _[           | _ | _        |
| ١        |          | 45           | L         | L        |           | 1        | +  | _ | -         | +         | +         | -            |   | -        |
|          | _        | 46           | -         | $\vdash$ | $\vdash$  | $\vdash$ | ╀  | _ | -         | +         | +         | 4            | - | -        |
|          | _        | 47<br>48     | $\vdash$  | -        | +         | H        | +  |   | +         | +         | +         | $\dashv$     | _ | $\vdash$ |
|          |          | 49           | -         | t        | $\vdash$  | t        | †  | _ |           | $\dagger$ | 1         |              |   |          |
|          | $\vdash$ | 50           |           | L        | T         | I        | 1  | _ | Г         | I         | $\Box$    | ╛            |   |          |

| н     | estr             | CT | eo        |   |   |   |   |    |     | U        |   | ••••     | • • • •  | ••• | ••• |   |   | ••• | ••• |
|-------|------------------|----|-----------|---|---|---|---|----|-----|----------|---|----------|----------|-----|-----|---|---|-----|-----|
| Cla   | im               | -  |           |   |   |   |   | Da | ate | -        | - | -        |          | -   |     | _ | _ | 1   |     |
| Cia   |                  | 1  |           | Γ |   |   | ٦ | _  | Ţ   |          | T |          | T        |     |     | T |   | 1   |     |
| =     | Original         | ١  |           | l | ļ | ŀ | l |    | ١   |          | ١ |          | 1        |     | l   | l |   | 1   |     |
| Final | ð                | İ  |           | ļ |   |   | ļ |    | ١   |          | ١ |          |          |     |     |   |   |     |     |
| _     | 51               |    |           | t |   | Г |   |    | 7   |          | 1 |          | 1        |     | Γ   | ٦ |   | ٦   |     |
|       | 52               |    |           | t | _ | T | ٦ | Г  | 1   |          | 1 |          | 1        |     | Г   |   | Γ | ٦   |     |
| _     | 53               |    | ┢         | t | _ | T |   | Г  | 1   | _        | 7 |          | T        |     | Γ   |   |   | ٦   |     |
| _     | 54               |    | 1         | t | _ | ۲ | _ | Γ  | 1   |          |   |          |          | _   | Ī   |   |   |     |     |
|       | 55               | _  | 1         | T |   | T |   | Γ  |     |          | 1 |          | 7        |     | T   |   |   |     |     |
| _     | 56               |    | T         | T |   | T |   |    |     |          |   |          |          |     | Ι   |   |   |     |     |
|       | 57               |    | Γ         | 1 |   | T |   | Γ  |     |          |   |          |          |     | 1   |   | L |     | l   |
| Г     | 58               |    | 1         | 1 |   |   |   |    |     |          |   |          |          |     | 1   | _ | L |     |     |
|       | 59               |    | Г         | Ţ |   | I |   | L  |     | L        |   | L        | ╛        | _   | 1   |   | ļ | _   | ١   |
| Г     | 60               |    | T         | I |   | Ι |   | I  |     | L        | _ | L        |          |     | 1   | _ | ↓ |     | ļ   |
| Γ     | 61               |    | Γ         | 1 |   | l |   |    |     | L        | _ | L        |          | _   | 1   |   | ļ |     | l   |
| Г     | 62               | Г  | L         |   | _ |   |   | L  |     | L        |   | L        |          | _   | 1   |   | ļ |     | l   |
| Γ     | 63               | Г  | I         |   |   | I |   |    |     | L        |   | L        |          | _   | 4   | _ | ļ | _   | l   |
|       | 64               |    | L         |   |   |   | _ | 1  | _   | L        | _ | L        | _        |     | 4   |   | 1 | _   | 1   |
|       | 65               |    | L         |   |   | 1 |   | 1  |     | Į.       |   | 1        |          | L   | 4   | _ | 1 | _   | l   |
|       | 66               |    | 1         |   | L | 1 | _ | 1  | _   | 1        | _ | 1        | _        | L   | 4   | _ | 1 | _   | 4   |
| L     | 67               | L  | 1         |   | L | 1 | _ | 1  | _   | 1        | _ | ļ        | _        | Ļ   | 4   |   | 4 |     | 4   |
| L     | 68               | ┿  | $\perp$   | _ | L | 4 |   | 4  | _   | 1        |   | 4        | _        | L   | 4   | _ | 4 |     | _   |
| L     | 69               | +- | 1         |   | L | 4 | _ | 4  | _   | 4        | _ | +        | _        | Ļ   | 4   | _ | + | _   |     |
| L     | 70               | L  | $\perp$   |   | L |   |   | 1  | _   | 1        | _ | 1        | _        | L   | _   |   | 4 | _   |     |
|       | 71               | -  | 4         |   | L | 4 | _ | 1  | _   | 1        | _ | 4        | _        | L   | _   | L | 4 | _   | _   |
| L     | 72               |    | 4         | _ | L | 4 |   | 4  | _   | 4        |   | 4        | _        | Ļ   |     | - | 4 | _   |     |
| L     | 73               | _  | 1         |   | L |   | L | 4  |     | 4        | _ | 1        | _        | ļ   | _   | L | 4 |     | _   |
| L     | 74               | -  | 4         |   | Ļ | _ | L | 4  |     | 4        |   | 1        | _        | +   |     | L | 4 | _   | _   |
| _     | 75               | _  | 4         | _ | Ļ | _ | Ļ | 4  |     | 4        | _ | +        |          | +   | _   | ┞ | ┥ | _   | -   |
| L     | 76               |    | 4         |   | ļ |   | L | 4  | _   | 4        | _ | +        | _        | +   | _   | H | - |     | -   |
| L     | 77               |    | 4         |   | ╀ | _ | ŀ | 4  | _   | 4        |   | +        | _        | ╁   |     | H | - | _   | -   |
| 1     | 78               | _  | +         | _ | ╀ | _ | ┞ | _  | -   | $\dashv$ |   | 4        |          | +   | -   | ╁ | - | -   | -   |
| -     | 8                | _  | +         | _ | ╀ |   | H |    | -   | 4        |   | $\dashv$ | _        | ╁   | _   | ╁ | - | ┝   | _   |
| -     | 8                | _  | $\dashv$  | - | ╁ | _ | H | _  | -   | ┥        | - | ┥        | -        | +   | _   | t | _ | H   |     |
| H     | 8:               |    | +         | - | ╁ |   | ╀ |    | H   | -        | H | -        | -        | +   |     | t |   | H   | _   |
| -     | 8:               | -  | -}        | _ | + | - | + |    | H   | _        | ┝ | 4        | $\vdash$ | +   | _   | t | _ | H   |     |
| H     | 8                |    | +         |   | + |   | t | -  | ۲   | _        | - | ۲        | Н        | +   | -   | t |   | T   | -   |
| H     | 8                | _  | -         | - | + |   | t |    | t   |          | H | ٦        | $\vdash$ | +   |     | † | _ | T   |     |
| H     | 8                | _  | +         |   | † | _ | t | _  | t   |          | H | _        | T        | 1   | _   | t |   | Τ   |     |
| H     | В                | _  | $\dashv$  | _ | † |   | t | _  | t   | _        | r | _        | T        | 7   | _   | † |   | T   |     |
| ŀ     | 8                | _  | -         | Г | † |   | t | _  | t   |          | t | _        | Τ        | 1   | Ī   | 1 |   | Ī   | _   |
| t     |                  | 9  | $\exists$ | _ | 7 |   | t | _  | Ť   |          | T |          | Γ        | 1   | _   | 1 |   | Γ   | _   |
| t     |                  | ю  |           | Г | 1 | _ | † | _  | t   |          | T | _        | Γ        | 7   | _   | 1 |   | Γ   | _   |
| ŀ     | _                | 1  |           | Г | 1 | _ | † | _  | T   |          | t | _        | T        |     |     | 7 |   | T   |     |
| }     |                  | 12 |           | H | + |   | † |    | †   |          | t | _        | t        |     | Г   | 7 | _ | T   |     |
| 1     | _                | 3  |           | ٢ | 7 |   | † |    | †   |          | t | _        | T        | T   | Г   | 1 |   | T   | _   |
| Ì     |                  | 94 |           | Τ | _ |   | 1 |    | †   |          | Ť |          | T        |     | Γ   | 7 |   | Ţ   |     |
| - 1   |                  | 95 |           | t |   | - | + |    | †   |          | † |          | 1        |     | Γ   | 1 |   | Ţ   | _   |
|       | $\overline{}$    | 96 | _         | t | _ | Г | 1 |    | 1   |          | Ť | _        | 1        |     |     |   |   | Ι   |     |
| Ì     | -                | 97 |           | T |   |   | 7 | _  | 1   |          | Ī |          | I        | _   | Γ   |   |   |     | _   |
|       | -                | 98 | Г         | T | _ | Γ | _ |    | j   |          | 1 | _        | I        |     | L   |   |   | I   | _   |
|       | $\Box$           | 99 |           | I |   | Γ |   |    |     |          | Ī |          | I        |     | Ĺ   | _ | L | 4   | _   |
|       | <del>- 1</del> . |    |           | т | _ | 1 | _ | _  | ┪   | _        | Т | _        | Т        |     | 1   |   | 1 | - 1 |     |

| Claim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ••••          | . U      | ojec          | iec | • |   |    |          |          |     |   |          |   |   |   |           |          |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|---------------|-----|---|---|----|----------|----------|-----|---|----------|---|---|---|-----------|----------|-----------|
| 101   102   103   104   105   106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149 | Cla           | im       | Ī             |     |   | _ | _  |          | Da       | ıte |   |          | _ |   | _ | _         |          | ]         |
| 101   102   103   104   105   106   107   108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149 |               | _        |               |     |   |   |    |          |          |     |   |          |   |   |   |           |          |           |
| 102                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | _             |          |               | 1   | † |   | r  | ┪        | _        | †   | _ | Ť        | _ |   | 1 |           |          | 1         |
| 104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | _             | _        | -             |     | Ι |   |    |          | _        | Ţ   | _ | I        |   | L | I | _         |          | ]         |
| 106   106   107   108   109   110   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   149   149   149   149   149   149   149                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               | 10       | 3             | L   | 1 |   | L  |          |          | 1   |   | 1        |   | L | 1 |           | L        | 4         |
| 106                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |          |               | L   | 4 | _ | Ļ  |          | _        | 1   | _ | +        | _ | L | + |           |          | -1        |
| 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 132 133 134 135 136 137 138 139 140 141 142 143 144 145 149                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |          | _             | ╀   | + | _ | ļ  |          | ┞        | 4   | _ | +        | _ | ┞ | + | _         | ┞        | 4         |
| 108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149 | _             | _        |               | 1-  | + |   | ╀  |          | ┝        | +   | - | +        | - | H | + | _         | ┝        | ┨         |
| 109                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ┝             | _        |               | ╁   | + | - | t  | _        | $\vdash$ | 1   | _ | †        | _ | ┢ | 7 | _         | T        | 1         |
| 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 132 133 134 135 136 137 138 139 140 141 142 143 144 145 145 146 147                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ┝╴            | ┰        | -             | 十   | + | _ | t  |          | t        | 1   |   | †        |   | t | 1 | _         | T        | ٦         |
| 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 132 133 134 135 136 137 138 139 140 141 142 143 144 145 145 146 147                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | H             | -        | _             | 1   | 7 | _ | 1  |          | Γ        |     |   | 1        | _ |   |   | _         |          | ]         |
| 113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | $\overline{}$ | 11       | 1             | I   |   |   |    |          | I        |     |   | 1        |   | L | 4 | _         | 1        | 4         |
| 114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               | -        | _             | I   | 4 |   | 1  | _        | Ļ        |     | L | 4        | _ | 1 | _ |           | +        | 4         |
| 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 144 145 146                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | L             | -        | -             | 4   | 4 |   | +  | _        | ╀        |     | L | 4        | _ | + | _ | -         | ╀        | ᅱ         |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | L             |          |               | +   | 4 | _ | +  |          | ╀        |     | ┞ | $\dashv$ |   | + |   | H         | ╁        | ┨         |
| 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -             | -        | _             | ╀   | ۲ | - | +  |          | +        | _   | H | 4        | _ | + | _ | _         | +        | ٦         |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | $\vdash$      | -        | _             | +   | _ | ┝ | +  | _        | t        | _   | t | 7        | _ | Ť |   | Г         | †        | ٦         |
| 120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   145   146   147   148   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149 | F             |          |               | +   | _ | r | 7  |          | †        | _   | T |          |   | I |   |           | T        | $\exists$ |
| 121                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               | 1        | 19            | I   |   |   |    |          | Ι        |     | L |          |   | 1 |   | L         | 1        | _         |
| 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Γ             | 1        | 20            | Т   |   | Γ |    |          | I        |     | ļ |          | L |   |   | L         | 1        |           |
| 123                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               | 1        | 21            | I   |   | L |    |          | 1        |     | 1 | _        | L | 4 | _ | L         | 4        | _         |
| 124 125 126 127 128 129 130 131 132 133 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | -        | -             | 4   |   | L | _  |          | -        | _   | 1 | _        | - | 4 | _ | ╀         | 4        | _         |
| 125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | L             |          | _             | -1  |   | ╀ | _  | L        | +        | _   | + | _        | ┞ | + | _ | ╀         | +        |           |
| 126                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | F             | _        |               | -+  |   | ╀ | _  | -        | +        | _   | ╁ |          | ┝ | ┪ |   | ╁         | +        |           |
| 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ŀ             | _        |               | +   |   | ╁ | _  | $\vdash$ | +        | -   | t | -        | t | + | _ | t         | +        | _         |
| 128                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | H             |          |               | 7   |   | t | _  | H        | 1        | _   | † |          | T | 1 |   | T         | 7        |           |
| 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | h             |          |               | _   | _ | T |    | T        |          |     |   |          | I |   | _ | Ι         | $\Box$   |           |
| 131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               | 7        | 29            |     | Ξ | I |    |          |          |     | 1 |          | L |   |   | 1         | 4        | _         |
| 132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               | _        | $\rightarrow$ |     | _ | ļ |    | L        | 4        | _   | 1 | _        | ļ | _ |   | 1         | 4        |           |
| 133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>1445<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | L             |          |               | 4   | _ | 1 |    | Ļ        | 4        | _   | 4 | _        | + | 4 |   | +         | -        | _         |
| 134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ŀ             |          |               | 4   | _ | + |    | ╀        | 4        | _   | + | _        | ╀ | - | _ | +         | ╡        | _         |
| 135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ┢             | _        |               | _   |   | + | _  | t        | 4        | -   | + | -        | t | - | Н | †         | ᅥ        | _         |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | +             | _        | $\rightarrow$ | -   | _ | † |    | t        | _        | Г   | ┪ | _        | t | _ |   | 1         |          |           |
| 138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ı             |          | 136           |     |   | T |    | T        |          |     |   |          | I |   |   | I         |          |           |
| 139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |          | 137           |     |   | 1 | _  | I        |          | L   | _ | _        | 1 |   | L | 4         | _        | L         |
| 140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ļ             | _        | $\overline{}$ |     | L | 4 | _  | +        | _        | -   | _ | _        | + |   | L | +         | _        | <u> </u>  |
| 141<br>142<br>143<br>144<br>145<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ļ             |          |               |     | L | 4 |    | +        |          | ┞   | - | $\vdash$ | + |   | ┞ | +         | _        | ├         |
| 142<br>143<br>144<br>145<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ŀ             |          |               |     | - | 4 | _  | +        |          | ╀   | _ | -        | ╁ |   | ├ | +         |          | $\vdash$  |
| 143<br>144<br>145<br>146<br>147<br>148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ŀ             |          |               |     | H | 4 |    | +        |          | ╀   | _ | ┞        | + |   | ╁ | ┪         | _        | ⊢         |
| 144<br>145<br>146<br>147<br>148<br>149                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ŀ             |          | 1             | -   | ┝ | 1 |    | +        | -        | t   | - | H        | + |   | t | †         |          | t         |
| 145<br>146<br>147<br>148<br>149                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ŀ             |          |               | ┝   | t | 1 | _  | +        |          | t   | _ | T        | 7 |   | T | 7         |          | T         |
| 146<br>147<br>148<br>149                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ł             |          |               |     | t |   | L  | 1        |          | İ   | _ |          |   | _ | I | $\exists$ | _        | Γ         |
| 148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ì             |          | 146           |     | Ι |   |    | 1        |          | I   |   | L        | I | _ | I |           | _        | L         |
| 149                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |          |               |     |   |   | L  | _        | _        | 1   |   | L        | 4 |   | 1 | _         | _        | 1         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |          |               |     | 1 |   | -  | 4        | _        | 4   |   | 1        | - | _ | + |           | H        | +         |
| 1150 1 1 1 1 1 1 1 1 1 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               | -        |               |     | + | _ | H  | 4        |          | +   |   | ╀        | - |   | + | _         | -        | +         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               | <u>_</u> | η50           | _   |   |   | L_ | _        | _        | 1   | - | _        |   |   |   | _         | <u> </u> | _         |

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